

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch

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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-024335**Date Inspected:** 16-May-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

<b>CWI Name:</b>	N/A			<b>CWI Present:</b>	Yes	No	
<b>Inspected CWI report:</b>	Yes	No	N/A	<b>Rod Oven in Use:</b>	Yes	No	N/A
<b>Electrode to specification:</b>	Yes	No	N/A	<b>Weld Procedures Followed:</b>	Yes	No	N/A
<b>Qualified Welders:</b>	Yes	No	N/A	<b>Verified Joint Fit-up:</b>	Yes	No	N/A
<b>Approved Drawings:</b>	Yes	No	N/A	<b>Approved WPS:</b>	Yes	No	N/A
				<b>Delayed / Cancelled:</b>	Yes	No	N/A
<b>Bridge No:</b>	34-0006			<b>Component:</b>	Welder Qual		

**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Dan Hernandez was present during the times noted above to observe the fit up, welding and related activities associated with the fabrication of the San Francisco Oakland Bay Self Anchored Suspension Bridge at Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island.

**Mechanical Test Weld Lab**

This QA Inspector observed Side Bend mechanical testing for Welder Qualification for the following personnel:

Name, welder ID #, Test coupon ID # and qualifying position are as follows

1 - Ding Gui Cheng 068493, 6-4, 4G

2 - Wang Ru Jia 066882, 33-4, 4G

3 - Li Xing 066675, 28-4/10-3, 3G/4G

4 - Yang Xing Long 068859, 26-4/8-3, 3G/4G

5 - Pan Ben Yong 067601, 13-4, 4G

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- 6 - Xia Yuan Chao 066156, 23-4/3-3, 3G/4G
  
- 7 - Kong Sheng Li 066825, 27-4/9-3, 3G/4G
  
- 8 - Chen Yun Chao 070471, 20-4/4-3, 3G/4G
  
- 9 - Zhou Bin 067947, 21-4/1-3, 3G/4G
  
- 10 - Wen Chao 069866, 36-4/11-3, 3G/4G
  
- 11 - Sun Jian Guo 069075, 25-4/5-3, 3G/4G
  
- 12 - Wang Zhao Cong 068445, 32-4, 4G
  
- 13 - Wang Hong Lei 066687, 30-4/15-3, 3G/4G
  
- 14 - Duan Yi Fa 068596, 12-4, 4G
  
- 15 - Lu Guan Bo 069118, 22-4/2-3, 3G/4G
  
- 16 - Fei Cheng Xiang 066239, 34-4/19-3, 3G/4
  
- 17 - Zhu Ze Zhou 067888, 29-4/14-3, 3G/4G
  
- 18 - Han Kun 066751, 31-4/16-3, 3G/4G

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

**Summary of Conversations:**

No relevant conversations.

**Comments**

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 150-0042-2372 , who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Hernandez,Dan	Quality Assurance Inspector
<b>Reviewed By:</b>	Miller,Mark	QA Reviewer

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